

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

14364US20

First Inventor

Joseph J. Kubler

Title

HIERARCHICAL DATA
COLLECTION NETWORK
SUPPORTING PACKETIZED
VOICE COMMUNICATIONS
AMONG WIRELESS TERMINALS
AND TELEPHONES

Express Mail Label No.

EV 304938388 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 330]
(preferred arrangement set forth below)
-Descriptive title of the invention
-Cross Reference to Related Applications
-Statement Regarding Fed sponsored R&D
-Reference to sequence listing, a table, or a computer
program listing appendix
-Background of the Invention
-Brief Description of the Drawings (if filed)
-Detailed Description
-Claim(s)
-Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 80]
5. Oath or Declaration [Total Sheets 12]
a. ☐ Newly executed (original or copy)
b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); orii. ☐ Paperc. ☐ Statements verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & documents(s))
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122(b)
(2)(B)(i). Applicant must attach form PTO/SB/35 or
its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 10/141,506

Prior application information:

Examiner: D. R. VincentArt Unit: 2661

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☒ Customer Number:23446OR ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/type)

Kevin E. Borg

Registration No. (Attorney/Agent)

51,486

Signature

Date

February 20, 2004

17611 U.S. PTO

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL

for FY 2004

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT	(\$) 1,306.00
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Complete if Known

Application Number	unassigned
Filing Date	herewith
First Named Inventor	Joseph J. Kubler
Examiner Name	unassigned
Group Art Unit	unassigned
Attorney Docket No.	14364US20

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number
Deposit
Account
Name

13-0017

McAndrews Held & Malloy

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status.
 See 37 CFR 1.27

2. ☒ Payment Enclosed:

- ☒
- Check
- ☐
- Credit Card
- ☐
- Money Order
- ☐
- Other

FEE CALCULATION

1. BASIC FILING FEE

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Cost of Sales	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.
3. Impairment of Financial Assets	Impairment of financial assets is recognized when there is a decrease in the fair value of the asset, and it is measured at the difference between the carrying amount and the fair value.	Impairment of financial assets is recognized when there is a decrease in the fair value of the asset, and it is measured at the difference between the carrying amount and the fair value.
4. Impairment of Non-Financial Assets	Impairment of non-financial assets is recognized when there is a decrease in the carrying amount of the asset, and it is measured at the difference between the carrying amount and the fair value.	Impairment of non-financial assets is recognized when there is a decrease in the carrying amount of the asset, and it is measured at the difference between the carrying amount and the fair value.
5. Provisions	Provisions are recognized when there is a liability of uncertain timing or amount, and it is measured at the best estimate of the amount required to settle the liability.	Provisions are recognized when there is a liability of uncertain timing or amount, and it is measured at the best estimate of the amount required to settle the liability.
6. Share-based Payments	Share-based payments are recognized when the entity receives services from employees or directors, and it is measured at the fair value of the equity instruments issued.	Share-based payments are recognized when the entity receives services from employees or directors, and it is measured at the fair value of the equity instruments issued.
7. Financial Instruments	Financial instruments are recognized when the entity enters into a contract that gives rise to a financial asset or liability, and it is measured at the fair value of the instrument.	Financial instruments are recognized when the entity enters into a contract that gives rise to a financial asset or liability, and it is measured at the fair value of the instrument.
8. Leases	Leases are recognized when the entity enters into a contract that gives rise to a lease, and it is measured at the fair value of the lease.	Leases are recognized when the entity enters into a contract that gives rise to a lease, and it is measured at the fair value of the lease.
9. Intangible Assets	Intangible assets are recognized when the entity acquires an intangible asset, and it is measured at the cost of the asset.	Intangible assets are recognized when the entity acquires an intangible asset, and it is measured at the cost of the asset.
10. Goodwill	Goodwill is recognized when the entity acquires a business, and it is measured at the difference between the cost of the business and the fair value of the identifiable intangible assets.	Goodwill is recognized when the entity acquires a business, and it is measured at the difference between the cost of the business and the fair value of the identifiable intangible assets.

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing Fee	770.00
1002	340	2002	170	Design filing Fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) **(\$)**770.00

2. EXTRA CLAIM FEES

		Extra Claims	Fee from below	Fee Paid
Total Claims	45 - 20** =	25 x	18.00 =	450.00
Independent Claims	4 - 3** =	1 x	86.00 =	86.00
Multiple Dependent			290.00 =	0.00

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$536.00)

**or number previously paid, if greater: For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description
1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
1053	130	1053	130	Non-English specification
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	420	2252	210	Extension for reply within second month
1253	950	2253	475	Extension for reply within third month
1254	1,480	2254	740	Extension for reply within fourth month
1255	2,010	2255	1,005	Extension for reply within fifth month
1401	330	2401	165	Notice of Appeal
1402	330	2402	165	Filing a brief in support of an appeal
1403	290	2403	145	Request for oral hearing
1451	1,510	1451	1510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive - unavoidable
1453	1,330	2453	665	Petition to revive - unintentional
1501	1,330	2501	665	Utility issue fee (or reissue)
1502	480	2502	240	Design issue fee
1503	640	2503	320	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))
1801	770	2801	385	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application
Other fee (specify)				


Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)	(\$) 0.00
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SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Kevin E. Borg	Registration No. (Attorney or Agent)	51,486	Telephone	312-775-8000
Signature				Date	February 20, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.